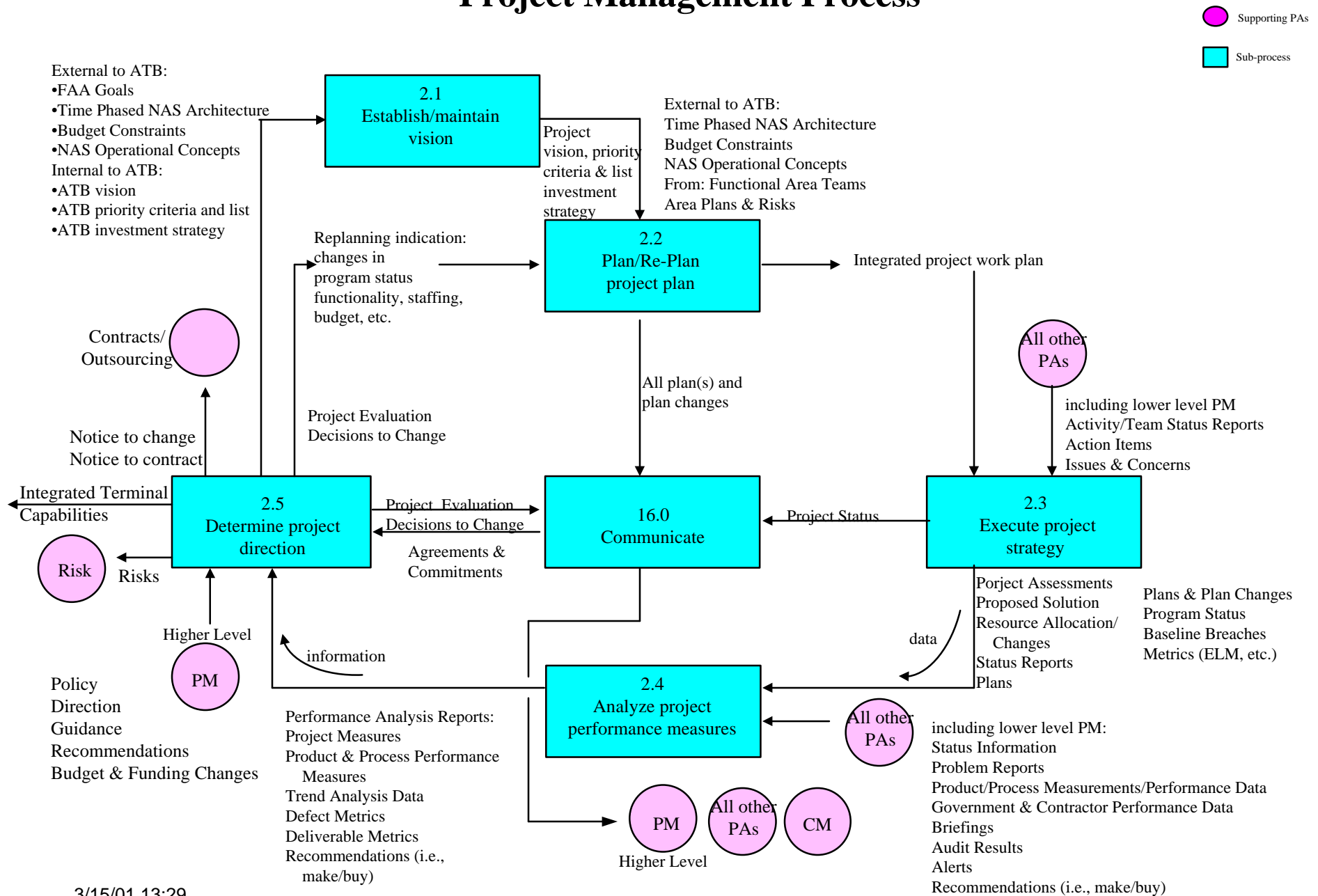


2.0 Terminal Business Service Management

<u>Previous Process:</u> On-going process for duration of project	<u>Purpose/Definition:</u> Ensure the project achieves its objectives by planning, scheduling, controlling, tracking, & negotiating the nature & scope of work required & by providing visibility into status & risks.	<u>Next Process:</u> On-going process for duration of project
<u>Performing Agent(s):</u> <ul style="list-style-type: none"> • Project members 	<u>Owner:</u> Sector lead <u>Sub-Processes:</u> 2. 1 Establish/maintain project vision/priority/investment strategy 2. 2 Plan / Re-plan integrated project plan 2. 3 Execute project strategy 2. 4 Analyze project performance measures 2. 5 Determine project direction	<u>Customer(s):</u> <ul style="list-style-type: none"> • ATB members • ATB stakeholders & customers • Senior FAA Management • Project members
<u>Input(s):</u> External to ATB <ul style="list-style-type: none"> • FAA goals • Time Phased NAS Architecture • Budget Constraints Internal to ATB <ul style="list-style-type: none"> • NAS Operational Concepts • Integrated ATB plan & changes <ul style="list-style-type: none"> • schedule, activities, etc. • ATB Status • Baseline Breaches 		<u>Output(s):</u> <ul style="list-style-type: none"> • Integrated project plan & changes <ul style="list-style-type: none"> • schedule, activities, etc. • Project Status • Baseline Breaches
<u>Entry Criteria:</u> <ul style="list-style-type: none"> • Formation of project 	<u>Training/Handbooks/Policy:</u> AMS, Project Management domain training, FAA performance goals	<u>Exit Criteria:</u> <ul style="list-style-type: none"> • project completed

Project Management Process



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2.1 Establish/Maintain Project Vision/Priority/Investment Strategy

<u>Previous Process:</u> On-going process for duration of terminal business service (ATB)	<u>Purpose/Definition:</u> Ensure the project clearly understands ATB vision, priority, investment strategy	<u>Next Process:</u> On-going process for duration of business service
<u>Performing Agent(s):</u> <ul style="list-style-type: none"> • Project lead • Project plan/control integration 	<u>Owner:</u> ATB lead	<u>Customer(s):</u> <ul style="list-style-type: none"> • ATB members • ATB stakeholders & customers • Senior FAA Management
<u>Input(s):</u> External to ATB <ul style="list-style-type: none"> • FAA goals • Time Phased NAS Architecture • Budget Constraints • NAS Operational Concepts Internal to ATB <ul style="list-style-type: none"> • ATB vision • ATB priority criteria and list • ATB investment strategy 	<u>Sub-Processes:</u> <ul style="list-style-type: none"> 1.1.1 Establish/maintain project vision 1.1.2 Establish/maintain project priority 1.1.3 Establish/maintain project investment strategy 	<u>Output(s):</u> <ul style="list-style-type: none"> • Project vision • Project priority criteria and list • Project investment strategy
		<u>Reviews,Audits and Controls:</u> <ul style="list-style-type: none"> • ATB reviews • Sector and Product reviews
<u>Entry Criteria:</u> <ul style="list-style-type: none"> • Formation of project 	<u>Training/Handbooks/Policy:</u> AMS, Project Management domain training, FAA performance goals	<u>Exit Criteria:</u> <ul style="list-style-type: none"> • project shutdown completed

2.2 Plan/Re-Plan Integrated ATB Plan

<u>Previous Process:</u> <ul style="list-style-type: none"> • Project Initiation • 2.4 or 2.5 Sub-Process • Project Management 	<u>Purpose/Definition:</u> To prepare or maintain an integrand, executable, terminal business unit plan	<u>Next Process:</u> <ul style="list-style-type: none"> • 2.5 Sub-Process • Sector management • Communication
<u>Performing Agent(s):</u> <ul style="list-style-type: none"> • Project members 	<u>Owner:</u> Project lead	<u>Customer(s):</u> <ul style="list-style-type: none"> • ATB • ATB stakeholders & customers • Senior FAA Management • Project members
<u>Input(s):</u> External to ATB: <ul style="list-style-type: none"> • Time Phased NAS Architecture & NAS Ops. Con. • Budget Constraints • Sector & project plans & risks Internal to ATB: <ul style="list-style-type: none"> • ATB vision, priority criteria and list, and investment strategy • Replanning changes in: <ul style="list-style-type: none"> • program status, • functionality, staffing, budget, etc. • Program Evaluation • Decision to change 	<u>Sub-Processes:</u> <ul style="list-style-type: none"> 2.2.1 Identify all Project activities 2.2.2 Establish/maintain resource estimates & schedules 2.2.3 Identify/maintain critical path & dependencies 2.2.4 Establish and maintain related work plans 	<u>Output(s):</u> <ul style="list-style-type: none"> • Integrated project work plan • All plan(s) and plan changes
<u>Entry Criteria:</u> <ul style="list-style-type: none"> • Project formulation, or • Replanning indicated due to changes in project status, functionality, budget, etc. 	<u>Training/Tools/Handbooks/Policy:</u> AMS, FAST, FAA Orders & Standards, Software Cost Estimation Process, SLIM, ELM tool, COCOMO, AUA Technology Refresh Planning Guide, OMB Guidelines	<u>Reviews,Audits and Controls:</u> <ul style="list-style-type: none"> • ARs, JRCs, • ATB reviews • Sector and project reviews
		<u>Exit Criteria:</u> <ul style="list-style-type: none"> • Approval and commitment to project plans, schedules, estimates, and assignments

Project Management Process

Sub-Process 2.2 - Plan/Re-Integrated Project Plan

External to ATB:

Time Phased NAS Architecture

Budget Constraints

NAS Operational Concepts

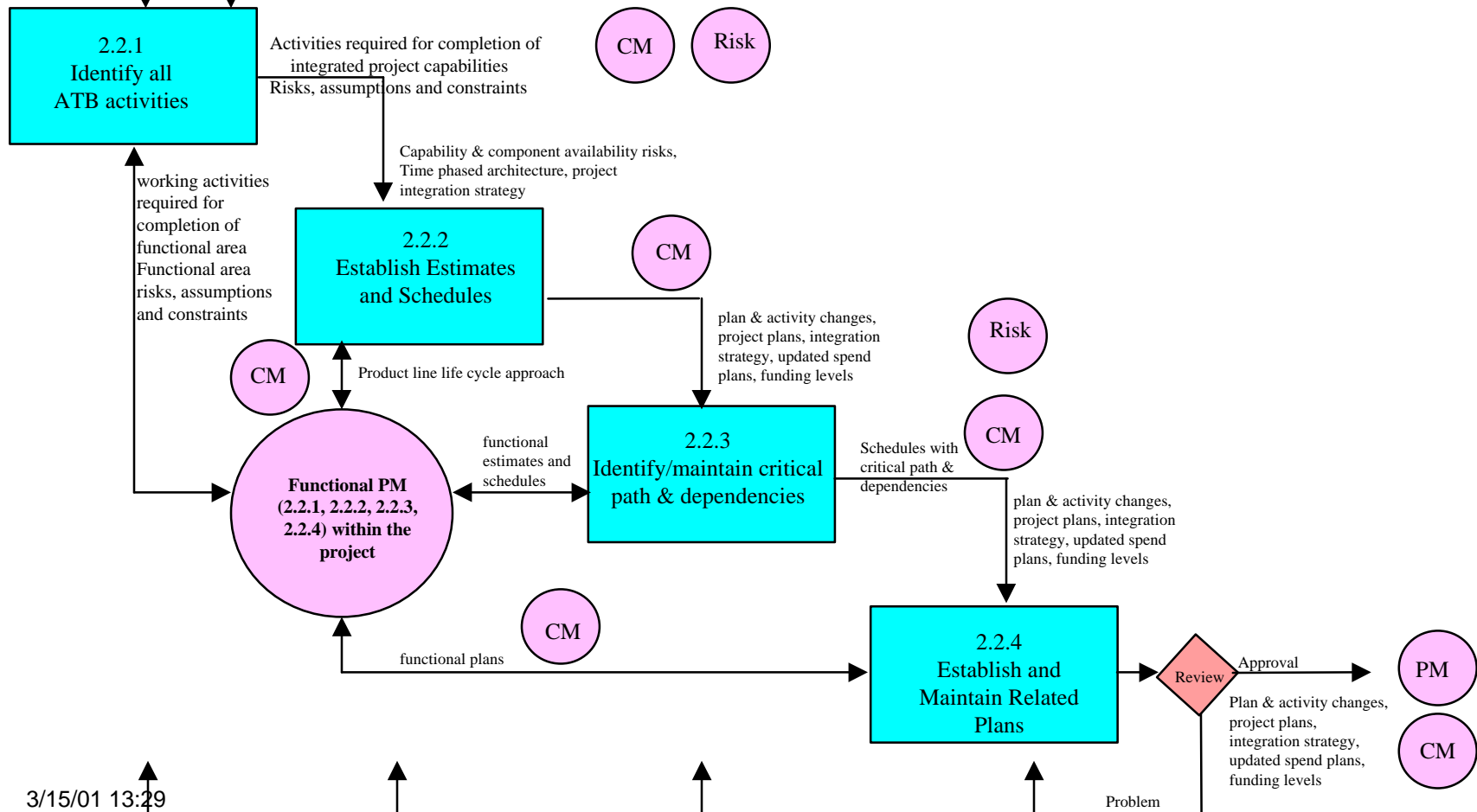
From: Functional Area Teams

Area Plans & Risks

Replanning indication: changes in program status,
functionality, staffing, budget, etc.
ATB vision, priority criteria & list investment
strategy

Supporting PAs

Sub-process



2.3 Execute Project Strategy

<u>Previous Process:</u> <ul style="list-style-type: none"> • 2.1 or 2.5 Sub-Process • Performance Measurement • Sector Management 	<u>Purpose/Definition:</u> Provide guidance and direction required to execute the project activities	<u>Next Process:</u> <ul style="list-style-type: none"> • 2.4 Sub-Process • Communicate
<u>Performing Agent(s):</u> <ul style="list-style-type: none"> • Project lead • Project members 	<u>Owner:</u> Project lead <u>Sub-Processes:</u> <ul style="list-style-type: none"> 2.3.1 Status against integrated ATB schedule 2.3.2 Review performance against established plans 2.3.3 Allocating/reallocating ATB resources according to establish 	<u>Customer(s):</u> <ul style="list-style-type: none"> • ATB Team • Project team
<u>Input(s):</u> <ul style="list-style-type: none"> • Integrated project work plan • Activity/team status reports • action items • issues & concerns 		<u>Output(s):</u> <ul style="list-style-type: none"> • Metrics & Problem Assessments • Proposed Solution • Resource Allocation / Changes • Status Reports & Plans
		<u>Reviews,Audits and Controls:</u> <ul style="list-style-type: none"> • ARs, JRCs, • ATB & project reviews • Weekly team/staff meetings
<u>Entry Criteria:</u> <ul style="list-style-type: none"> • Formation of Project 	<u>Training/Tools/Handbooks/Policy:</u> AMS, FAST, AMS course, people policy/personnel reform, ISO-9000, PM domain training, FAA-iCMM & classes	<u>Exit Criteria:</u> <ul style="list-style-type: none"> • Project shutdown completed

2.4 Analyze ATB Performance Measures

<u>Previous Process:</u> <ul style="list-style-type: none"> • 2.3 Sub-Process 	<u>Purpose/Definition:</u> Analyzes project deliverable and process data to provide information needed to conduct BU evaluation.	<u>Next Process:</u> <ul style="list-style-type: none"> • 2.5 Sub-Process
<u>Performing Agent(s):</u> <ul style="list-style-type: none"> • Analysis team members 	<u>Owner:</u> Project lead	<u>Customer(s):</u> <ul style="list-style-type: none"> • ATB team • Project team
<u>Input(s):</u> <ul style="list-style-type: none"> • Metrics & Problem Assessments • Proposed Solution • Resource Allocation / Changes • Status Reports & Plans • Status Information • Problem Reports • Product/Process Measures/Performance Data • Government & Contractor Performance Data • Briefings • Audit Results & Alerts • Recommendations 	<u>Sub-Processes:</u> <ul style="list-style-type: none"> 2.4.1 Analyze service & process measures 2.4.2 Correlate trend analysis with investment strategy 2.4.3 Analyze requirement solution alternatives 2.4.4 Develop internal business case/performance investment analysis 	<u>Output(s):</u> <ul style="list-style-type: none"> • ATB Measures • Product Performance Measures • Process Performance Measures • Trend Analysis Data • Defect Metrics • Executive Level Metrics • Recommendations
		<u>Reviews,Audits and Controls:</u> <ul style="list-style-type: none"> • Team peer reviews • Weekly team/staff meetings • ATB & project reviews
<u>Entry Criteria:</u> <ul style="list-style-type: none"> • Receipt of performance data or planned analyses schedule 	<u>Training/Tools/Handbooks/Policy:</u> <ul style="list-style-type: none"> • AMS and FAST • OMB xxx.x, 	<u>Exit Criteria:</u> <ul style="list-style-type: none"> • Performance analysis reports completed, reviewed and accepted

2.5 Determine ATB Direction

<u>Previous Process:</u> 2.4 Sub-Process	<u>Purpose/Definition:</u> Evaluate BU activities to 1) determine cost, schedule, technical acceptability and 2) take all corrective action required.	<u>Next Process:</u> 2.3 Sub-Process Communicate
<u>Performing Agent(s):</u> <ul style="list-style-type: none"> • ATB lead • ATB Team 	<u>Owner:</u> Project lead	<u>Customer(s):</u> <ul style="list-style-type: none"> • ATB Team • Project team
<u>Input(s):</u> <ul style="list-style-type: none"> • ATB & Project Measures • Product Performance Measures • Process Performance Measures • Trend Analysis Data • Defect Metrics • Executive Level Metrics • Recommendations (i.e., make/buy) • Policy, Direction, Guidance • Recommendations • Budget & Funding Changes • Agreements/Commitments 	<u>Sub-Processes:</u> <ul style="list-style-type: none"> 2.5.1 Make ATB investment alternatives 2.5.2 Make Decisions 2.5.3 Take Corrective Action 	<u>Output(s):</u> <ul style="list-style-type: none"> • Integrated Terminal Capabilities • Risks • Project evaluation • Decisions To Change • Notice to Change (to Contract Management) • Notice to Contract (to Outsourcing) • Replanning indicators: changes to: <ul style="list-style-type: none"> • program status, functionality, budget, etc.
		<u>Reviews,Audits and Controls:</u> <ul style="list-style-type: none"> • ATB Review • Project Review
<u>Entry Criteria:</u> <ul style="list-style-type: none"> • Scheduled BUevaluation • Performance analyze raises significant issues 	<u>Training/Tools/Handbooks/Policy:</u> <ul style="list-style-type: none"> • AMS and FAST 	<u>Exit Criteria:</u> <ul style="list-style-type: none"> • Recommended Action Determined, or • Deliverable Complete